

Annual Compliance Report Comparison

1. State: Indiana for CY 2002
2. Data Base used to generate the State=s report: SDWIS/State Date: April 2002

Chemical Data: (Violation types: MCL= 01, 02; M/R=03 Major violations; TT=07*)

MCL / TT	# Violations	# PWS	CHEM M/R	# Violations	# PWS
ST Report	37	14	ST Report	4447	592
FED Report	37	14	FED Report	4447	561

3.a. >10%: There are 32 public water systems that have multiple contaminant group violation such as a system may have VOC, SOC, IOC or Rads M/R violations during the year.

b. Blanks - N/A - N/R: _____

c. St Regs/implementation: _____

Total Coliform Data: (Violation types MCL=21, 22; M/R=23, 25 Majors)

MCL / TT	# Violations	# PWS	M/R	# Violations	# PWS
ST Report	279	253	ST Report	2112	1440
FED Report	279	253	FED Report	2111	1439

3.a. >10%: _____

b. Blanks - N/A - N/R: _____

c. St Regs/implementation: _____

* Note: Write in A07 Chem TT violation information@ in narrative - these are very rare.

(Draft 06/03)

Surface Water Treatment Rule Data: (Violation types: TT=41, 42; M/R=31, 36 Majors)

MCL / TT	# Violations	# PWS	M/R	# Violations	# PWS
ST Report	24	9	ST Report	3	2
FED Report	24	9	FED Report	3	2

3.a. >10%: _____

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b. Blanks - N/A - N/R: _____

c. St Regs/implementation: _____

Lead and Copper Rule Data: (Violation types: TT=58, 62, 65; M/R=51, 52)

MCL / TT	# Violations	# PWS	M/R	# Violations	# PWS
ST Report	23	22	ST Report	144	160
FED Report	23	22	FED Report	192	160

3.a. >10%: _____

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b. Blanks - N/A - N/R: _____

c. St Regs/implementation: _____

Interim Enhanced Surface Water Treatment Rule Data:

(Violation types: TT=37, 43, 44, 47; M/R= 29, 38;)

MCL/TT	# Violations	# PWS	M/R	# Violations	# PWS
ST Report	0	0	ST Report	0	0
FED Report	0	0	FED Report	0	0
(Violation type=09)					
Record Keeping	# Violations	# PWS			

ST Report	0	0
FED Report	0	0

3.a. >10%: _____

b. Blanks - N/A - N/R: _____

c. St Regs/implementation: _____

Stage 1 Disinfectants and Disinfection Byproducts Rule Data:

(Violation types: TT= 12, 37, 46; MCL=02)

TT	# Violations	# PWS	MCL	# Violations	# PWS
ST Report	0	0	ST Report	0	0
FED Report	0	0	FED Report	0	0

(Violation types: MRDL=11, 13; M/R=27 Major)

MRDL	# Violations	# PWS	M/R	# Violations	# PWS
ST Report	0	0	ST Report	2	2
FED Report	0	0	FED Report	2	2

3.a. >10%: _____

b. Blanks - N/A - N/R: _____

c. St Regs/implementation: _____

Public Notification Rule (violation types 06, 75, 76)

Combined Rule PN	# Violations	# PWS
ST Report		
FED Report		

3.a. >10%: _____

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b. Blanks - N/A - N/R: _____

c. St Regs/implementation: _____

(Draft 06/03)

Consumer Notification Data: (violation type 71 only)

	# Violations	# PWS
ST Report	169	116
FED Report	169	116

3.a. >10%: _____

b. Blanks - N/A - N/R: _____

c. St Regs/implementation: _____

4. Describe what corrections will be submitted to SDWIS/FED and when:

State Contact: Al Lao Phone: 317/308-3283

Regional Contact: David Horak Date: _____

Phone: (312) 353-4306 Fax: (312) 886-6171

(Draft 06/03)

Annual Compliance Report Comparison Form Instructions:

- A. Enter the name of the State and year of report.
- B. Enter the data base source the state used and the date it was generated. (State data base(s), SDWIS/FED Frozen or Production)
- C. Calculate and/or transfer the summary numbers from each version of the ACR to each individual data section of the form (i.e., Chem, TCR, SWTR, LCR, Stage 1 MDBP, IESWTR, CCR, PN - number of violations and number of PWS for MCL/TT and M/R violations)
- D. Document for EACH DATA SECTION:
 - X differences of 10% or greater
 - X reasons for any blank fields, AN/R@, AN/A@, or anything other than a valid and/or reasonable number
 - X if state has more stringent rules or unique rule implementation which affects the data
- E. Document for what and when state will submit corrections
- F. Provide a contact name and number for the State and the EPA Region.
- G. Attachment A from the 2003 Annual Compliance Report Guidance is provided as reference regarding evaluation criteria for what to include in report.

To Analyze Differences - Consider the Following:

- X Are the state numbers higher or lower than the frozen data base? Higher or lower than the production data base? (Differences of 10% or more should be documented.)
- X Did the state fail to report any number?
- X Did the state explain any of the numbers? Or lack of numbers?
- X Does the state have more stringent monitoring or MCL regulations and were they included in its report? If so, was this documented in their report?
- X Does the State have different data systems or reporting processes for non-community systems which might affect the data? (Or something similar)
- X Compare the individual chemical contaminants - was any specific or group of contaminants not reported?
- X Did the state include PWSs having a SWTR 42 violation type (failure to meet SWTR treatment deadline) with those having a 41 violation type (SWTR treatment technique) as required? (42 violations were originally generated by EPA to identify those PWS which failed to meet the 6/93 filtration deadline of the SWTR. States may or may not be tracking these violations in their systems.)
- X Did the state count multiple 51 LCR violations for a single PWS? LCR violation type 51s (initial tap monitoring) are to be counted with violation type 52s (follow-up routine monitoring). Only ONE 51 violation is to be counted for any year regardless of how many the state designated. The 51 violation is to be counted each subsequent year until the system meets the 2 consecutive monitoring period requirement and has been returned to compliance by the state.(Draft 06/03)

ANNUAL PUBLIC WATER SYSTEMS COMPLIANCE REPORT¹

Chemical Contaminant Group Maximum Contaminant Level (MCL)

MCL - Single Sample or MCL Average (Violation Types 01 and 02).

Only Community Water Systems serving 10,000 people can have a TTHM MCL (contaminant code 2950).

Only Community Water Systems can have an MCL for the following contaminant codes: 1025, 4000, 4010, and 4100.

Both Community and Non-transient Non-community (NTNC) water systems can have an MCL for the following contaminant codes: 2051, 2050, 2046, 2959, 2946, 2931, 2065, 2067, 2010, 2015, 2020, 2383, 2105, 2110, 2306, 2031, 2035, 2039, 2041, 2032, 2033, 2005, 2034, 2274, 2042, 2036, 2040, 2037, 2063, 2990, 2982, 2984, 2976, 2981, 2977, 2980, 2380, 2992, 2989, 2968, 2996, 2987, 2991, 2979, 2955, 2983, 2326, 2964, 2985, 2378, 2969, 1005, 1094, 1010, 1015, 1020, 1035, 1045, 1074, 1075, 1024, 1085.

All systems can have an MCL for Nitrate (contaminant codes 1038, 1040, and 1041).

Chemical Contaminant Group Monitoring and Reporting (M/R)

M/R - Monitoring, Regular (Violation Types 03 and 04 and Major Indicator Flag = Y).

Only Community Water Systems serving 10,000 people can have a TTHM M/R (contaminant code 2950).

Only Community Water Systems can have a M/R for the following contaminant codes: 1025, 4000, 4010, and 4100.

Both Community and NTNC water systems can have an M/R for the following contaminant codes: 2051, 2050, 2046, 2959, 2946, 2931, 2065, 2067, 2010, 2015, 2020, 2383, 2105, 2110, 2306, 2031, 2035, 2039, 2041, 2032, 2033, 2005, 2034, 2274, 2042, 2036, 2040, 2037, 2063, 2990, 2982, 2984, 2976, 2981, 2977, 2980, 2380, 2992, 2989, 2968, 2996, 2987, 2991, 2979, 2955, 2983, 2326, 2964, 2985, 2378, 2969, 1005, 1094, 1010, 1015, 1020, 1035, 1045, 1074, 1075, 1024, 1085.

All systems can have an M/R for Nitrate (contaminant codes 1038, 1040, and 1041).

Chemical Contaminant Group Treatment Technique (TT)

¹ For violations that extend beyond the calendar year, the violation is counted in each of the calendar years in which it occurred, unless it has returned to compliance prior to the beginning of the calendar year.

Both Community and NTNC water systems can have a TT violation for Acrylamide and Epichlorohydrine (Violation type 07, contaminant codes 2265 and 2257).

Total Coliform Rule (TCR) MCLs

Any violation that is either Acute or Monthly (Violation types 21 and 22). The contaminant code for TCR is 3100.

TCR Significant M/R

Any major Routine or Repeat M/R violation (Violation types 23 and 25). The contaminant code for TCR is 3100.

Surface Water Treatment Rule (SWTR) TT

Any TT violation for a filtered system (Violation type 41) and all unfiltered systems who are required to install filtration if at some point during the calendar year they were unfiltered. (Violation type 42 violations - these may not be in state data systems). The contaminant code for SWTR is 0200.

SWTR Significant M/R

Any Significant surface water M/R violation by a filtered or unfiltered system (Violation Types 36 and 31 and Major Indicator Flag = Y, respectively). The contaminant code for SWTR is 0200.

Turbidity MCL

Any MCL Average violation for an unfiltered system (Violation type 02). The contaminant code for turbidity is 0100.

Turbidity Significant M/R

Any major regular M/R violation for an unfiltered system (Violation type 03 and Major Indicator Flag = Y). The contaminant code for turbidity is 0100.

Lead and Copper Rule (LCR) TT

Any Community or NTNC water system with a TT violation at any time during the calendar year (Violation Types 58, 62 and 65). Note: Violation type 62 has been combined under Violation type 58 in SDWIS.

LCR Significant M/R

Any Community or NTNC water system with a follow-up or routine tap sampling violation (Violation type 52) or any Community or NTNC water system who incurred an initial tap monitoring violation (Violation type 51) during the calendar year, or who incurred the initial tap

violation prior to the calendar but failed to return to compliance prior to January 1 or the calendar year. Note: a system cannot have more than one initial tap monitoring violation counted in a calendar year.

In general: Count all violations above where any date in the violation compliance period begin and end date range falls within the calendar year **except** those that returned to compliance prior to the first day of the calendar year regardless of current system status.

Note: EPA has changed the state submitted compliance period end date of Violation types 51, 58, 62 and 65 to reflect either the date the violation returned to compliance or the date of 12/31/2015.

Consumer Confidence Report Rule (CCR) Significant Consumer Notification Violations and Public Notification Violations

Any Community water system that completely failed to provide a required consumer confidence report is in violation (Violation type 71). Because the violation continues until the system provides the report, the violation must also be reported in each subsequent year until the system returns to compliance. Public Notification violations are Violation type codes 06 and 75 for NPDWR and 76 for other potential health risk situations PN Violation (Non-NPDWR). For the Public Notice Violations the violation must be linked to a specific rule. The contaminant code for IESWTR is 0300. The contaminant codes for Stage 1 DBPR are 1009, 1011, 2456, 2950, 1006, 1008 and 0999.

NOTE: If a state has not begun reporting under the revised PN requirements, it should report 06 violation type PN violations in lieu of the 75/76 violation types.

RECENT VIOLATIONS TO REPORT FOR 2002

Interim Enhanced Surface Water Rule (IESWTR) TT

Any public water system that uses surface water or ground water under the direct influence of surface water (GWUDI) and serving at least 10,000 people with a TT violation (Violations 37, 43, 44, and 47). The contaminant code for IESWTR is 0300.

IESWTR Significant Recordkeeping and M/R Violations

Any public water system that uses surface water or GWUDI and serving at least 10,000 people with a M/R violation (Violation 29 and Violation 38 and Major Indicator Flag = Y). The contaminant code for IESWTR is 0300. Any recordkeeping violation where system fails to maintain the results of individual filter monitoring for 3 years. Violation type is 09. The contaminant code is for IESWTR is 0300.

Stage 1 Disinfectants and Disinfection Byproducts Rule (Stage 1 DBPR) TT

All CWS and NTNCWS that add a chemical disinfectant in any part of the drinking water treatment process and transient NCWS using chlorine dioxide with TT violations (Violations 12, 37 and 46). The contaminant codes for Stage 1 DBPR are 0400 and 2920.

Stage 1 DBPR MCL and Maximum Residual Disinfectant Levels (MRDL)

All CWS and NTNCWS that add a chemical disinfectant in any part of the drinking water treatment process and transient NCWS using chlorine dioxide with MCL/MRDL violations (Violations 02, 11 and 13). The contaminant codes for Stage 1 DBPR are 1009, 1011, 2456, 2950, 1006, 1008 and 0999.

Stage 1 DBPR M/R Violations

All CWS and NTNCWS that add a chemical disinfectant in any part of the drinking water treatment process and transient NCWS using chlorine dioxide with M/R violations (Violation 27 and Major Indicator Flag = Y). The contaminant codes for Stage 1 DBPR are 0400, 2920, 1009, 1011, 2456, 2950, 1006, 1008 and 0999.